

ABSTRACT OF THE DISCLOSURE

~~Power transmission members (91), which transmit rotational drive force from a drive source (81), such as a motor, to an intermediate transfer drum (41D) is elastically deformed due to a load change which is generated by a cleaning part (49) contacts and moves away from the intermediate transfer drum (41D). Registration control amounts (Ra, Rb and Rc) attributed to the elastic deformation are obtained in advance. Transfer start positions for toner images in at least one or more toner colors out of four toner colors are corrected based on the registration control amounts (Ra, Rb and Rc), whereby registration deviations are suppressed to minimum and a high quality color image is obtained. An image forming apparatus and method that repeats image create/transfer processing, in which serial processing of forming a toner image on a photosensitive member while rotating the photosensitive member and a transfer medium in a sub scanning direction and thereafter transferring the toner image onto the transfer medium, for a plurality of toner colors which are different from each other. The apparatus and method lay toner images in the respective toner colors over each other on said transfer medium and accordingly form a color image. Correcting transfer start positions of toner images in at least one or more toner colors out of the plurality of toner colors is based on a registration control amount which is necessary to correct relative registration deviations among toner images on the transfer medium.~~

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Reply to Office Action of January 8, 2004

Amendments to the Drawings

The attached sheet includes changes to Fig. 59. This sheet replaces the original sheet including Fig. 59 and adds the label --Prior Art -- to this figure..

Attachment: Replacement Sheet.